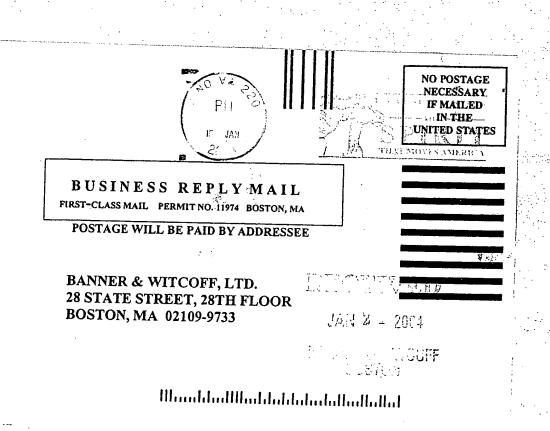
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P & Box 1450, Alexandria, VA 22313-1450,	Atty. PDM
Applicant(s): Shen et al	Docket No.: 011361.00064
US Patent No: 5,573,648	Issue Date: 11/12/96
US Reissue Patent Application No.: 10/621,999	US Reissue Filing Date: 07/17/03
Title: Gas Sensor Based on Protonic Conductive Membranes	
The following has been received in the U.S. Patent and Trade	mark Office on the date stamped hereon:
Fee Transmittal for FY 2004 page (in duplicate)	Amendment/Response pages
Specification pages:	Petition for Extension (months)
claims, independent claims, abstract	Preliminary Amendment pages
Drawings [] formal [] informal sheets	Request for Corr. Filing Recpt
X SIDS 2 pages, PTO-1449 1 page, 7 references	Issue Fee (w/ PTOL-85B)
Declaration & POA [] signed [] unsigned pages	Advance Order of copies
Small Entity Statement pages	CPA Request
X Certificate of Express Mail for Reissue Application 1page	Notice of Appeal & Fee
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Fee Enclosed: Debit Deposit Acct. No. 19	-0733 for
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Attorney Docket No. 011361.00064)

Patentee:

Shen et al.

Assignee:

Atwood Mobile Products, Inc.

U.S. Patent No.:

5,573,648

Date Issued:

November 12, 1996

Application No.:

381,718

Date Filed:

January 31, 1995

Reissue Application No.: 10/621,999

.: 10/621,999 Reissue Filing Date:

July 17, 2003

Title:

GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

Mail Stop Reissue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAIL FOR REISSUE APPLICATION

Dear Sir:

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I hereby state that the following:

- (1) Supplemental Information Disclosure Statement (2 pgs);
- (2) PTO 1449 Form (1 pg);
- (3) Citations (7 total);
- (4) Return-Receipt Postcard; and
- (5) This Certificate of Express Mail for Reissue Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elaine Fabrizio

Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Shen et al.

Assignee:

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U.S. Patent No.: 5,573,648

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Title: GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

MAIL STOP REISSUE COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

<u>X</u>	(1)	within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or
	(2)	after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p) is included herein; or
	(3)	after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

Supplemental IDS - Page 2 Reissue Application of US 5,573,648

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

_X are enclosed herewith; or

_ are in the file of related application Serial No. 00/000,000, filed
_______, and are thus not being resubmitted
herein.

FEE AUTHORIZATION

The Commissioner is hereby authorized to charge any fee associated with this document to **Deposit Account No. 19-0733**. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

Peter D. McDermott (29,411)

Attorney for Applicant

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Date:

USPTŮ Form 144 9		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 011361.00064 Serial No. Reissue of 5,57				5,573,648			
	INFORMATION DISCLOSUR			Applicants: Shen et al.						
		Sheet 1 of 1		Issue Date: November	Issue Date: November 12, 1996			Group:		
			U.S. PATENT	DOCUMENTS						
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)			
			FOREIGN PATE	NT DOCUMENTS		<u> </u>	. L .			
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation			
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	, .	EP0 637 851 A1	Jun. 30, 1994	EPO			1.			
		OTHER D	OCUMENTS (including Au	uthor, Title, Date, Pertiner	nt Pages, etc.)	<u>.</u> ,	<u></u>			
		"Humidity Dependence of Carbon Monoxide Oxidation Rate in a Nafion-Based Electrochemical Cell," Lee et al., Technical Papers, Solid-State Science and Technology, J. Electrochem. Soc., Vol. 142, No. 1, January 1995; pgs. 157-160								
·	"Recent Developments in Electrochemical Solid Polymer Electrolyte Sensor Cells for Measuring Carbon Monoxide a Oxides of Nitrogen," La Conti et al., Chemical Hazards in the Workplace: Measurement and Control, ACS Symposiu series 149, 1981; pgs. 551-573									
	"Effects of Surface Roughening of Nafion ^R on Electrode Plating, Mechanical Strength, and Cell Performances f Water Electrolysis," Sakai et al., J. Electrochem. Soc., 137:3777-3783, 1990									
		"Chemical Sensing wit	h Solid State Devices," Ma	dou and Morrison, Academic Press, Inc., pgs. 448-459, 1989						
		"Fuel Cell Systems," Edited by Blomen and Mugerwa, Plenum Press, Srinivasan et al., pgs. 48-52 and 63-67, 1993								
		Notice of Opposition in (18 pages total)	n European Patent No. 762	117B, including Oppone	nt's statement of	of grounds (e	ntitled "R	easons")		
EXAMINE	Ł				DATE COI	NSIDERED				
*EXAMINER: In	nitial if ref	rerence considered, whether or not c nication to Applicant.**Copies of n	citation is in conformance with MPE eferences not provided at the time of	EP 609. Draw line through citation f this submission.	on if not in conformar	nce and not consid	iered. Includ	e copy of		